



## At-Scene Traffic Crash/Traffic Homicide Investigation



Institute of Police Technology and Management  
University of North Florida

May 1, 2023 – 12, 2023  
8:00 a.m.- 5:00 p.m.



AN IHG HOTEL

5302 Victory Dr  
Indianapolis, IN 46203

First week check-in April 30<sup>th</sup> check out May 5<sup>th</sup>  
Second week check-in May 7<sup>th</sup> check out May 12<sup>th</sup>

Course, Hotel room and State Rate per diem are paid for through a grant by  
Indiana Criminal Justice Institute

Any questions contact IACAI board member Bob Wilcox at [rwilcox1609@gmail.com](mailto:rwilcox1609@gmail.com) TX: 260-416-8872

IACAI board member Tim Spencer at [tspencer@stjoepros.org](mailto:tspencer@stjoepros.org)

[www.iacai.com](http://www.iacai.com)  
[www.facebook.com/IndianalACAI](https://www.facebook.com/IndianalACAI)

# At-Scene Traffic Crash/Traffic Homicide Investigation

## **FIRST IN A SERIES OF THREE COURSES**

This course will arm you with the necessary skills to conduct a thorough traffic crash investigation and properly document your findings for courtroom presentation.

We will show you the proper procedures for measuring, scale diagramming, and photographing in order to record physical evidence and essential facts available only at the crash scene. You will learn the fundamentals of mathematics, physics and engineering as they pertain to crash investigations and the proper mathematical equations to apply for the type of crash being investigated. Finally, you will learn to analyze the information to determine what happened before, during, and after the collision.

IPTM's *At-Scene Traffic Crash/Traffic Homicide Investigation* will prepare you for a variety of advanced and specialty courses in traffic crash investigations.

## **Topics Include**

- Physical evidence from the roadway
- Physical evidence from the vehicle
- The human element and occupant kinematics
- Mathematical principles and equations
- Skid marks and vehicle speeds
- Crash scene photography
- Traffic templates
- Measuring and scale diagramming
- Driver and witness interviews
- Information analysis and case preparation

## **Audience**

Law enforcement and private traffic crash investigators, claims adjusters, engineers, attorneys, safety officers, military investigative personnel, animators and graphic designers

## **Course Length**

80 hours

## **What to Bring**

### **Required**

- Work clothes for outside activities (including inclement weather)

### **Recommended**

- Camera and equipment to document field exercises
- Bring 100 foot and 25-foot measuring tapes